<u>IN THE CLAIMS</u>:

Please amend Claims 1, 8 and 10, and add new Claims 11 to 13 as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) An information processing apparatus that <u>has a Web browser and displays a screen based on a predetermined file provided from a Web server through a network</u> ~~acquires a plurality of image data from a server device via a network and controls a printer to print a print job generated from the plurality of image data~~, comprising:

a first list <u>creator</u> ~~creation unit~~ that creates a first list of ~~identification information for~~ a plurality of image data <u>selected</u> ~~designated~~ to be printed<u>, using the plug-in which is activated in response to a command from the Web server</u>;

a cache memory that stores printed image data which has been printed during previous rounds of printing;

a second list <u>creator</u> ~~storing unit~~ that <u>creates</u> ~~stores~~ a second list of ~~identification information for~~ the printed image data stored in said cache memory<u>, using the plug-in</u>;

a comparison unit that compares the first list and the second list<u>, after next images to be printed are selected and the first list is updated before performing the print processing for the next images using the plug-in</u>;

an acquisition unit that acquires, from the <u>Web</u> server ~~device~~, <u>the selected</u> image data <u>from the Web server</u> ~~identified by identification information which is not included in the second list but in the first list and stores the acquired image data in the cache memory~~;

<u>a print processor that performs print processing to the image data stored in said cache memory, using the plug-in</u>;

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~~a transmission unit that transmits image data identified by the identification~~ ~~information included in the first list from the cache memory to the printer after the acquisition~~ ~~unit acquires the image data from the server device;~~

a deletion unit that deletes, from the cache memory, the image data which is not <u>included in the first list but included in the second list</u> ~~designated to be printed, after the~~ ~~transmission unit transmits the image data from the cache memory to the printer~~; and

<u>an updater that updates the second list on the first list after the acquisition unit</u> <u>acquires the image data from the server device,</u>

<u>wherein the acquisition unit does not acquire image data which is included in the</u> <u>first and second lists</u> ~~an overwriting unit that overwrites the second list with the first list after the~~ ~~transmission unit transmits the image data from the cache memory to the printer~~.

2. to 7. (Canceled)

8. (Currently amended) A computer-readable storage medium storing a function extension program for causing a computer to <u>have a Web browser and display a screen based on</u> <u>a predetermined file provided from a Web server through a network</u> ~~acquire a plurality of image~~ ~~data from a server device via a network and control a printer to print a print job generated from~~ ~~the plurality of image data~~, the program causing a computer to:

create a first list of ~~identification information for~~ a plurality of image data <u>selected</u> ~~designated~~ to be printed<u>, using the plug-in which is activated in response to a command from the</u> <u>Web server</u>;

store in a cache memory printed image data which has been printed during previous rounds of printing;

create ~~store~~ a second list of ~~identification information for~~ the printed image data stored in said cache memory, using the plug-in;

compare the first list and the second list, after next images to be printed are selected and the first list is updated before performing the print processing for the next images using the plug-in;

acquire, from the Web server device, the selected image data ~~from the Web server identified by identification information which is not included in the second list but in the first list and stores the acquired image data in the cache memory~~;

perform print processing to the image data stored in the cache memory using the plug-in;

~~transmit image data identified by the identification information included in the first list from the cache memory to the printer after the acquisition unit acquires the image data from the server device;~~

delete, from the cache memory, image data which is not included in the first list but included in the second list ~~designated to be printed, after the image data has been transmitted from the cache memory to the printer~~; and

update the second list on the first list after the image data from the server device is acquired in the acquisition step,

wherein the acquisition step does not acquire image data which is included in the first and second lists ~~overwrite the second list with the first list after the image data has been transmitted from the cache memory to the printer~~.

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9. (Canceled)

10. (Currently amended) An information processing method ~~of~~ <u>of</u> ~~for extending the functions of a software for~~ controlling <u>an information processing apparatus that has a Web browser and displays a screen based on a predetermined file provided from a Web server through a network</u> ~~a printer to print a print job generated from a plurality of image data~~, comprising:

a step of creating a first list of ~~identification information for~~ a plurality of image data <u>selected</u> ~~designated~~ to be printed<u>, using the plug-in which is activated in response to a command from the Web server</u>;

a step of <u>creating</u> storing in a cache memory image data which has been printed;

<u>a second step of creating</u> ~~storing~~ a second list of ~~identification information for~~ the printed image data stored in said cache memory<u>, using the plug-in</u>;

a step of comparing the first list and the second list<u>, after next images to be printed are selected and the first list is updated before performing the print processing for the next images using the plug-in</u>;

<u>a</u> ~~an acquisition~~ step of acquiring, from the <u>Web</u> server device, <u>the selected</u> image data <u>from the Web server</u> ~~identified by identification information which is not included in the second list but in the first list and stores the acquired image dat in the cache memory~~;

<u>a step of performing print processing to the image data stored in the cache memory using the plug-in</u>;

~~a transmitting step of transmitting image data identified by the identification information included in the first list from the cache memory to the printer after the acquisition unit acquires the image data from the server device~~;

a step of deleting, from the cache memory, image data which is not <u>included in the first list but included in the second list</u> ~~designated to be printed, after the image data has been transmitted from the cache memory to the printer~~; and

<u>a step of updating the second list on the first list after the image data is acquired in the acquisition step,</u>

<u>wherein the acquisition step does not acquire image data which is included in the first and second lists</u> ~~an overwriting step of overwriting the second list with the first list after the image data has transmitted from the cache memory to the printer~~.

11. (New) An information processing apparatus that has a Web browser and displays a screen based on a predetermined file provided from a Web server through a network, comprising:

a selector that selects a plurality of image data to be printed according to a user operation through the screen;

an activator that activates a plug-in in response to a command described in the predetermined file;

a fist list generator that generates a first list which lists the selected image data using the plug-in;

an acquisition unit that acquires the selected image data from the Web server using the plug-in;

a memory controller that controls a cache memory to store the obtained image data using the plug-in;

a second list generator that generates a second list of the image data stored in the cache memory using the plug-in;

a print processor that performs print processing to the image data stored in the cache memory using the plug-in;

a comparison unit that compares the first list with the second list, after next images to be printed are selected and the first list is updated before performing the print processing for the next images using the plug-in;

a deletion controller that controls the cache memory to delete image data which is not included in the first list but included in the second list; and

an updater that updates the second list on the first list after the image data is deleted from the cache memory,

wherein the acquisition unit does not acquire image data which is included in the first and second lists.

12. (New) A method for an information processing apparatus that has a Web browser and displays a screen based on a predetermined file provided from a Web server through a network, comprising:

a step of selecting a plurality of image data to be printed according to a user operation through the screen;

a step of activating a plug-in in response to a command described in the predetermined file;

a step of generating a first list which lists the selected image data using the plug-in;

a step of acquiring the selected image data from the Web server using the plug-in;

a step of controlling a cache memory to store the obtained image data using the plug-in;

a step of generating a second list of the image data stored in the cache memory using the plug-in;

a step of performing print processing to the image data stored in the cache memory using the plug-in;

a step of comparing the first list with the second list, after next images to be printed are selected and the first list is updated before performing the print processing for the next images using the plug-in;

a step of controlling the cache memory to delete image data which is not included in the first list but included in the second list; and

a step of updating the second list on the first list after the image data is deleted from the cache memory,

wherein the acquiring step does not acquire image data which is included in the first and second lists.

13. (New) A computer-readable medium storing a computer program for a method for an information processing apparatus that has a Web browser and displays a screen based on a predetermined file provided from a Web server through a network, comprising:

a step of selecting a plurality of image data to be printed according to a user operation through the screen;

a step of activating a plug-in in response to a command described in the predetermined file;

a step of generating a first list which lists the selected image data using the plug-in;

a step of acquiring the selected image data from the Web server using the plug-in;

a step of controlling a cache memory to store the obtained image data using the plug-in;

a step of generating a second list of the image data stored in the cache memory using the plug-in;

a step of performing print processing to the image data stored in the cache memory using the plug-in;

a step of comparing the first list with the second list, after next images to be printed are selected and the first list is updated before performing the print processing for the next images using the plug-in;

a step of controlling the cache memory to delete image data which is not included in the first list but included in the second list; and

a step of updating the second list on the first list after the image data is deleted from the cache memory,

wherein the acquiring step does not acquire image data which is included in the first and second lists.